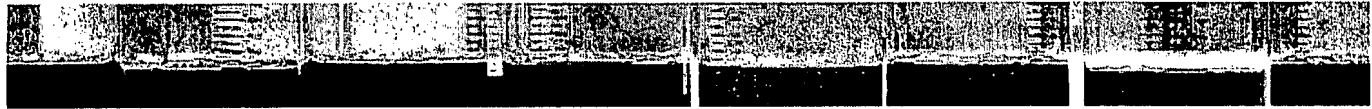


## EXHIBIT "A"



## Your search results

You searched for "w6/32" using the simple search.

We have 8 results for you.

Filter these results:

<input type="text" value="any text"/>	<input type="text" value="Target Species"/>	<input type="button" value="Clear"/>
<input type="text" value="Product Type"/>	<input type="text" value="Application"/>	<input type="button" value="Filter"/>

Specificity	Target Species	Host	Product Type (Clone)	Format	App.	
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	Biotin	F	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	FITC	F	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	HRP	C	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	RPE	F	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	ALEXA FLUOR® 488 F		<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	ALEXA FLUOR® 647 F		<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	Purified	C, F, IP, E	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						
<a href="#">HLA ABC</a>	Human	Mouse	Monoclonal Antibody (W6/32)	Low Endotoxin	C, F, IP, E	<a href="#">PDF</a> <a href="#">Details</a>
Other Names: MHC						

**EXHIBIT "A"**

A Division of MorphoSys

**Datasheet: MCA81B**

**Description:** MOUSE ANTI HUMAN HLA ABC:  
BIOTIN

**Specificity:** HLA ABC

**Other names:** MHC

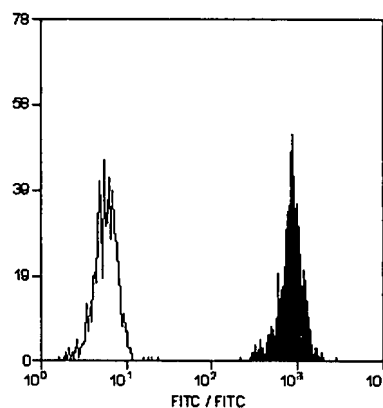
**Format:** Biotin

**Product Type:** Monoclonal Antibody

**Clone:** W6/32

**Isotype:** IgG2a

**Quantity:** 0.1 mg



Staining of human peripheral blood monocytes with MOUSE ANTI HUMAN HLA ABC:BIOTIN (MCA81B).

**Product Details****Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	•			Neat - 1/10
Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.				

**Clone Identity**

W6/32

**Target Species**

Human

**Species Cross Reactivity**

Reacts with: Cynomolgus monkey, Monkey, Bovine, Baboon, Cat, Macaque monkey  
N.B. Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgG conjugated to Biotin - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**EXHIBIT "A"**

<b>Buffer Solution</b>	Phosphate buffered saline pH7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	Purified human tonsil lymphocyte membranes.
<b>Fusion Partners</b>	Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1/1-Ag4.1 myeloma cell line.
<b>Specificity</b>	<p>MCA81B recognises an antigenic determinant shared among products of the HLA A, B and C loci. Clone W6/32 recognises a conformational epitope, reacting with HLA class I alpha3 and alpha2 domains (7). MHC class I glycoproteins are found on the surface of almost all nucleated somatic cells.</p> <p>This product is routinely tested in flow cytometry on human peripheral blood lymphocytes.</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $10^6$ cells or 100ul whole blood Method sheets are available on request.
<b>Recommended Reading</b>	<ol style="list-style-type: none"><li>1. Barnstable, C. J. <i>et al.</i> (1978) Production of monoclonal antibodies to group A erythrocytes, HLA and other human cell surface antigens - new tools for genetic analysis. <i>Cell</i>. 14: 9 – 20.</li><li>2. Jacobsen, C. N. <i>et al.</i> (1993) Reactivities of 20 anti-human monoclonal antibodies with leucocytes from ten different animal species. <i>Vet. Immunol. Immunopathol.</i> 39: 461 - 466 .</li><li>3. Yoshino, N. <i>et al.</i> (2000) Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of Cynomolgus monkeys (<i>Macaca fascicularis</i>) by using anti-human cross-reactive antibodies. <i>Exp. Anim.</i> 49 (2): 97-110 .</li><li>4. Stern, P. <i>et al.</i> (1987) Class I-like MHC molecules expressed by baboon placental syncytiotrophoblast. <i>J. Immunol.</i> 138 (4): 1088 - 1091.</li><li>5. Verbeek, M. M. <i>et al.</i> (1995) T lymphocyte adhesion to human brain pericytes is mediated via very late antigen-4/vascular cell adhesion molecule-1 interactions. <i>J. Immunol.</i> 154:5876-5884.</li><li>6. Tanabe, M. <i>et al.</i> (1992) Structural and functional analysis of monomorphic determinants recognized by monoclonal antibodies reacting with the HLA class I alpha 3 domain. <i>J. Immunol.</i> 148:3203-3209.</li></ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>

**EXHIBIT "A"**

**Shelf Life** 18 months from date of despatch.

**Health And Safety Information** (A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Related Products

### Recommended Secondary Antibodies

STREPTAVIDIN: R. PHYCOERYTHRIN (STAR4B)

STREPTAVIDIN: R. PHYCOERYTHRIN-Cy5 (STAR89)

STREPTAVIDIN: R. PHYCOERYTHRIN-TEXAS RED® (STAR107)

STREPTAVIDIN: R. PHYCOERYTHRIN (STAR4A)

STREPTAVIDIN: ALLOPHYCOCYANIN (STAR119)

STREPTAVIDIN: FITC (STAR2B)

### Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL: BIOTIN (MCA929B)

For research purposes only. Not for therapeutic or diagnostic use.

'M40618:070813'

AbD Serotec Offices contact details click [here](#)

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